

THE FARMER'S ADVOCATE & HOME MAGAZINE

THE LEADING AGRICULTURAL JOURNAL IN THE DOMINION.

PUBLISHED BY THE WILLIAM WELD COMPANY (LIMITED), LONDON, ONT., and WINNIPEG, MAN.

JOHN WELD, Manager. F. W. HODSON, Editor.

1. The Farmer's Advocate is published on the first and fifth of each month.

It is impartial and independent of all cliques or parties, handsomely illustrated with original engravings, and furnishes the most profitable, practical and reliable information for farmers, dairymen, gardeners and stockmen, of any publication in Canada.

2. Terms of Subscription—\$1.00 per year in advance; \$1.25 if in arrears; sample copy free. European subscription, 6s. or \$1.50. New subscriptions can commence with any month.

3. Advertising Rates—Single insertion, 30 cents per line. Contract rates furnished on application.

4. Discontinuances—Remember that the publisher must be notified by letter or post card when a subscriber wishes his paper stopped. All arrears must be paid. Returning your paper will not enable us to discontinue it, as we cannot find your name on our books unless your Post Office address is given.

5. The Law is, that all subscribers to newspapers are held responsible until all arrears are paid, and their paper ordered to be discontinued.

6. Remittances should be made direct to this office, either by Registered Letter or Money Order, which will be at our risk. When made otherwise we cannot be responsible.

7. The Advocate is sent to subscribers until an explicit order is received for its discontinuance. All payments of arrears must be made as required by law.

8. Always give the Name of the Post Office to which your paper is sent. Your name cannot be found on our books unless this is done.

9. The Date on your Label shows to what time your subscription is paid.

10. Subscribers failing to receive their paper promptly and regularly will confer a favor by reporting the fact at once.

11. We invite Farmers to write us on any agricultural topic. We are always pleased to receive practical articles. For such as we consider valuable we will pay ten cents per inch printed matter. Criticisms of Articles, Suggestions How to Improve the ADVOCATE, Descriptions of New Grains, Roots or Vegetables not generally known, Particulars of Experiments Tried, or Improved Methods of Cultivation are each and all welcome. Contributions sent us must not be furnished other papers until after they have appeared in our columns. Rejected matter will be returned on receipt of postage.

12. Replies to circulars and letters of enquiry sent from this office will not be paid for as provided above.

13. No anonymous communications or enquiries will receive attention.

14. Letters intended for publication should be written on one side of the paper only.

15. All communications in reference to any matter connected with this paper should be addressed as below, and not to any individual connected with the paper.

Address—THE FARMER'S ADVOCATE, or THE WILLIAM WELD CO., LONDON, ONTARIO, CANADA.

CONTENTS.

EDITORIAL:— 381—Engraving. 382—The Shire Mare Sapphire; Editorial Notes: The Farm Paper; What is Bimetallism? 383—American Experimental Work; Care of Stock in the Fall; Agriculture in the Schools. STOCK:— 383 to 389—The Toronto Industrial Exhibition. 389—Chatty Letter from the States. 390—The Late H. H. Spencer; Sir John Carling; The Russian Thistle. QUESTIONS AND ANSWERS:— 390—Veterinary. 391—Legal; Miscellaneous; Erratum. DAIRY:— 391—Albuminoids vs. Carbo-hydrates for Butter Production. POULTRY:— 392—Something About Ducks. MISCELLANEOUS:— 392 and 393—Prize List, Toronto Industrial, 1894. FAMILY CIRCLE:— 394. QUIET HOUR:— 395. MINNIE MAY:— 395. UNCLE TOM:— 396. STOCK GOSSIP:— 397, 398, 399, 402. NOTICES:— 399. ADVERTISEMENTS:— 396 to 404.

The Manitoba Grain Standards for 1894.

The meeting of delegates named to fix the grain standards for the present year was held September 18th, in Winnipeg. There were present: Samuel Spink, chairman; C. N. Bell secretary; S. A. McGaw, Joseph Harris, N. Bawlf, all of Winnipeg; C. B. Watts, G. A. Chapman, Toronto; T. A. Crane, Montreal; John Hunt, London; W. R. Bell, Indian Head; James Elder, Virden; William Postlewaite, Brandon; C. Braithwaite, Portage la Prairie; T. B. Baker, Moosejaw. Grain inspectors F. E. Gibbs, of Fort William, and David Horn, Winnipeg.

There were some 250 bags of grain, comprising samples from nearly every section of the Province and adjoining Territories. Grades 1, 2 and 3 were made almost identical with last year's grades.

Wheat—Nos. 1, 2 and 3, hard: Nos. 1 and 2, Northern; Nos. 1 and 2, rejected: Nos. 1 and 2, White Eye.

Oats—Nos. 1 and 2, white; No. 1, black; No. 1, mixed.

Son's Addison. Geo. Taylor's Canny Scotchman stood alone to represent the yearling section. It is a pity that he had not something to fight, as it would have taken a good one to have beaten him. There were a worthy lot of three-year-old fillies. Jas. I. Davidson's Kate Hill 2nd was first winner; she is as good a mare as we saw at the Industrial; her head, neck, body, limbs and action are hard to improve on. H. G. Boag's Lady Edith 3rd and I. Devitt & Son's Nellie McLay were second and third with mares of good quality; but here again the judges' decision was not agreed with by onlooking horsemen, as Wm. Foster & Son's Empress, which received no award, should have been placed second. She has good feet, clean, hard legs. Her nice head and beautifully rounded body more closely resembled the first prize mare than either of the other prize winners. In the remaining filly classes were some splendid females, of which lack of space will not permit description. In section for mare with two of her progeny, S. McArthur's Sunrise, a nice mare, with her foal by Montrose Chief, and yearling filly by Sir Walter, made a nice first prize-winning trio.

SHIRES.

The English Shire exhibit has never been large at Toronto, and this year this heavy-bodied, hairy-legged breed, that does most of England's dray work, had only fifteen entries, seven of which were for aged stallions, with only five forward. Morris, Stone & Wellington's Pride of Hatfield is large enough, and possesses a lot of good quality. The judges considered him best, and placed James Guardhouse & Son's Garfield II., a useful, upstanding horse of thirteen years, that might easily be taken for one much younger, in the second place. Wm. Mullin's Cock Robin, a smooth four-year-old chestnut, came next in order. In two-year-olds, just two were shown. James Guardhouse & Son's Duke of Blagdon was a good first winner. He has improved since the spring show, where he also captured first premium. Morris, Stone & Wellington's Fredrick William was the other colt, and has good Shire qualities. The mare sections were light in numbers, but contained some typical Shires. H. N. Crossley's Sapphire, the first and sweepstakes winner, is a strong, well-proportioned mare, with a good set of legs and feet. Alex. Doherty, Ellesmere, and the above-mentioned breeders had the remainder of the prizes distributed among them.

CATTLE.

Judging from the comparative dullness in the beef cattle trade which has prevailed this year, and from the long-continued drouth of this summer, it was not expected that the display of cattle at the fairs this year would be as large as usual, but the large, commodious and comfortable stables provided by the managers of the Industrial Exhibition were so well filled that only in a few classes could any falling off be noticed, while in others the numbers out were greater than formerly. Perhaps, on the whole, the cattle were not in as high condition as usual, and in consequence of the large drafts made from Canadian herds in the last two years for the Columbian Exhibition, and the retirement from the show ring for the present of several of those breeders who were successful at Chicago, it would not be surprising if the general standard of quality and finish was not quite as high as we have been wont to see here in former years. Taken as a whole, though, and considering all things, we may well congratulate ourselves on the display of cattle we had at Toronto, both as to numbers and quality. Our cattlemen deserve praise for their courage and enterprising spirit in keeping up their business as they have done under adverse circumstances.

Our space forbids a detailed report of all the animals on exhibition, and must be of a general character, as we give the list of awards in full.

SHORTHORNS.

The number of entries in this class was very close to 100, and the number of exhibitors 20. The grand herd of Messrs. Russell, of Richmond Hill, which upheld the standard of Canada so nobly at the World's Fair, was not out this year, the owners having decided to rest for awhile upon the honors they have won at two world's fairs. Notwithstanding the absence of these and some others that were expected, the display of Shorthorns was decidedly creditable, and a high standard of excellence was maintained in nearly all the sections. The females, and especially in the younger sections, were stronger than the bulls. The heifer calves were exceptionally fine. In the ring for bulls over four years old, there were only two entries, Mr. Robt. Davis' Northern Light, an imported bull, and Mr. C. M. Simmons' Royal Saxon, a massive 6 years old roan, sappy and remarkably even, bred by Mr. Biggins, from his famous Matchless family, which was awarded the premier honor. Of the three three-year-old bulls shown, Messrs. Watts' red (imported) Prime Minister, shown last year by Mr. D. D. Wilson, and bred by Mr. Duthie, was a strong first. This bull has steadily improved with age, and has grown into a massive, substantial, smooth-fleshed animal, with grand quarters, well-sprung ribs, and straight upper and lower lines. He is still a bit light in his neck, and bare on his shoulder plates, but taken all in all, there are not many better bulls in any country. Two-year-old bulls were decidedly the strongest ring in the show. There were six of them, and not a mean one in the lot. The judges had no easy task in placing them,

and we fancy they were not very sure when done that they had got it right. The first place was given to the Bow Park bull Lord Outhwaite, shown by Mr. Robert Davis, of Toronto. He is a roan, son of the great show cow imp. Lady Isabel, which John Hope used to take such pride in showing, and has great substance and style, as well as fine quality. The second prize went to Mr. Cargill's Royal Member, a roan, Kinellar-bred bull, imported by Arthur Johnston, a straight, smooth, well-proportioned animal, with thick flesh and good quality.

For third place, Messrs. Nicholson's red Norseman, bred by Mr. Johnston and sired by Indian Chief, was chosen. Many good judges around the ring did not agree with the responsible judges in this decision. Messrs. Pearson, of Meadowvale, showed a roan imported Kinellar bull (showing over by John Isaac), British Statesman, by Royal James, which was highly thought of, showing, as he did, fine character and good handling qualities, long, level quarters, well sprung ribs and a model head. If this bull had been in a bit higher condition he ought to have got near the top, and we shall look for him to come again. Hillhurst Farm also showed a grand young bull in Riverside Hero, bred by Thos. Russell. He was the first prize yearling bull last year, and has gone on well. No one would have complained if he had been placed, and we hope to see him again.

A good deal of interest was centred in the section for yearling bulls, from the fact that the first and second prize calves of last year were still in the ring, and that considerable criticism was meted out at that time as to the propriety of placing Mr. John Miller's Aberdeen, the red, above the white Valasco, shown as a calf by Messrs. Nicholson, but now owned by Mr. Rennie, of Wick. Both bulls have been in good hands and have gone on well, and good men differed in their opinion this year, as they did last year, as to which should "go up head." There was another claimant for honors this year that many good judges thought might safely be placed very near the top, if not quite there. This was Mr. D. D. Wilson's imported roan, Royal Sailor, bred by Mr. Marr, of Upper Mill, a massive, thick-fleshed, mellow-hided bull, with long level quarters, straight lines and smooth shoulders, without a mean place about him; yet, strange to say, he was not in it by the decision of the judges. Aberdeen was again placed first, thus confirming the judgment of last year without much adverse criticism, the white bull third, and a "dark horse," in the person of Mr. Watts' roan Canada, was sandwiched into second place—a straight, smooth, handsome young bull, with much promise for the future, if he lets down his body and spreads himself as he may; but for here and now a good many would have selected the roan Sailor for second place.

Bull calves were not out in as large numbers as usual, and outside of the prize-winners were not a very strong lot. The competition was clearly between Messrs. Davidson's two red calves and Simmons & Quorrie's red Stranger, with opinions varying very much as to which should be first. The Stranger was finally awarded the coveted honor, but the friends of Scottish Prince were by no means satisfied that it was right, and, if he remains in the hands of Mr. Davidson, they will watch him, and expect to see him take a high place in future. The Simmons' calf, too, has his friends, and not a few, who think it is all right, and are not afraid to trust him for a year.

In the competition for sweepstakes bull, the fight seemed to be between the 1st prize two-year-old, Lord Outhwaite, and Mr. Miller's Aberdeen, though not a few thought Prime Minister should take the lead, and some would tie to the aged bull, Royal Saxon. The two-year-old was finally crowned champion, and there were no complainants.

We have seen stronger rings of cows on this ground, yet they were a good even lot. Messrs. Watt are to be congratulated on scoring first again with Rugby Vengarth, a red, seven-year-old daughter of Mr. Dryden's imp. Vengarth, which was placed first last year, and wins the championship this time as best female in the class. Messrs. Cargill & Son won second and third prizes in this ring with two large red cows of good form and quality. Messrs. Watt came to the front again with a three-year-old cow, Matchless 11th, a stately daughter of old Barmpton Hero, which has gone on steadily since she was a calf, holding first places, and many thought she might fairly have been crowned queen of the females in the sweepstakes competition.

The first prize two-year-old heifer was found in the herd of Messrs. Cargill, in Glamis Gentle, a very handsome and well-proportioned heifer. Mr. D. D. Wilson had a good second in his imported Blythesome, by Gravesend.

In yearling heifers, an exceptionally good one was found for first place, in Mr. Davidson's roan, Village Beauty, by Sittyton Chief.

Heifer calves were an uncommonly good lot, and the result of the competition was uncommon too, for it was found when the prize tickets were distributed, that four out of the five prize calves were owned by one firm, sired by one bull, and fed by one herdsman, and be it known, the owners are Simmons & Quorrie, of Ivan; the bull is Mina Chief—1870—by Indian Chief, and the feeder, Lauchie Cameron, who deserves great credit for the way he brought them out, and for the success of his year's work.

The judges in this class were John T. Gibson and Edward Jeffs, and on the whole they did the work well.